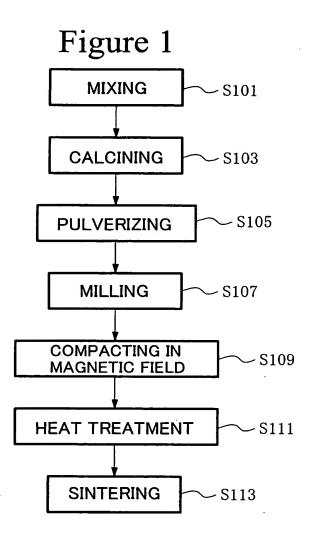
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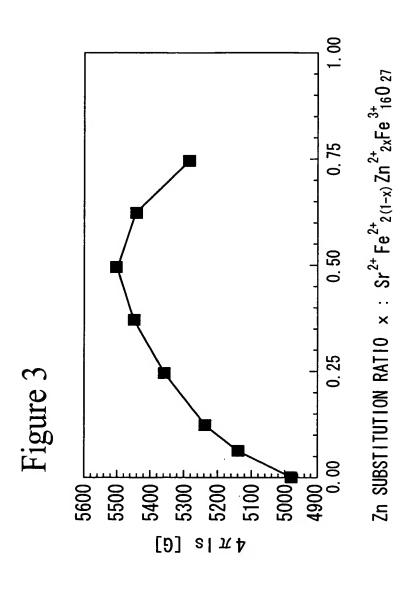


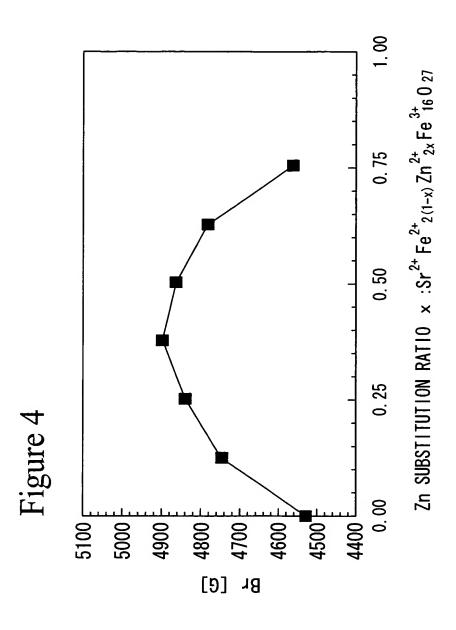
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SAMPLE NO. ELEMENT M x a		В		p	4πIs (G)	Br (G)	SQUARENESS (%)	DENSITY (%)	MAGNETIC ORIENTATION (%)
NONE 0 2.01 16.1			16.1		4980	4522	92.79	94.7	95.84
0.062 2.02 16.1	2.02		16.1		5140	4661	91.89	94.7	95.71
0.13 1.99 15.8	1.99		15.8		5233	4742	90.10	94.8	95.62
0.26 1.98 16.2	1.98		16.2		5353	4837	90.30	94.7	95.36
Zn 0.37 2.01 16.0	2.01		16.0		5446	4898	60'06	94.3	95.42
0.51 1.98 15.8	1.98		15.8		5502	4864	91.20	94.0	94.09
0.63 2.01 15.9	2.01		15.9		5440	4782	91.91	93.6	93.94
0.74 2.00 16.1	2.00		16.1		5283	4565	90.01	93.1	92.86

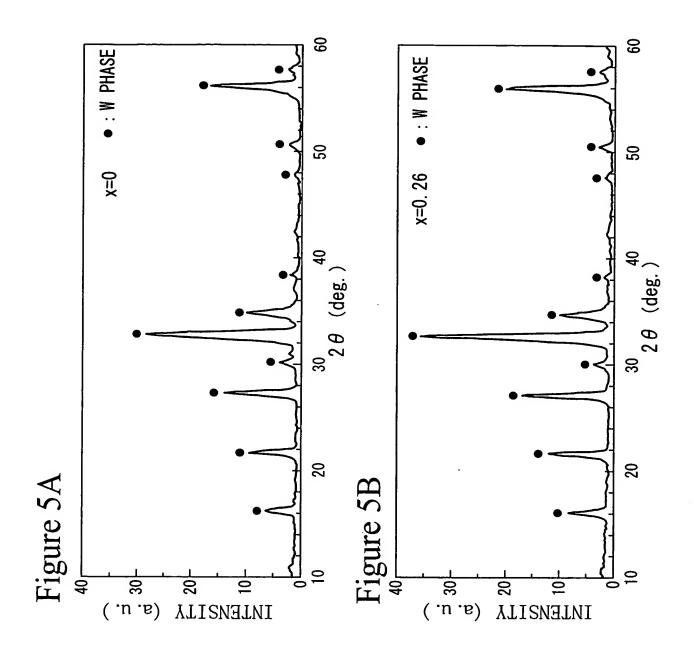
Figure 2

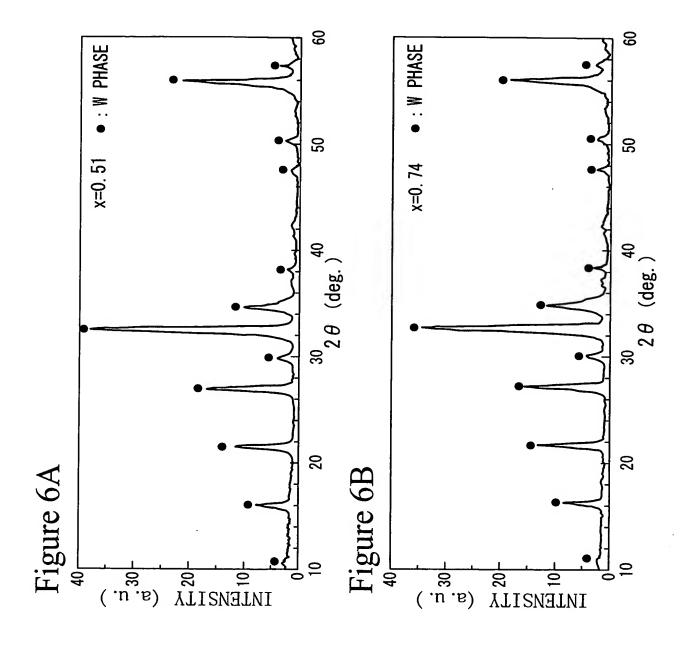
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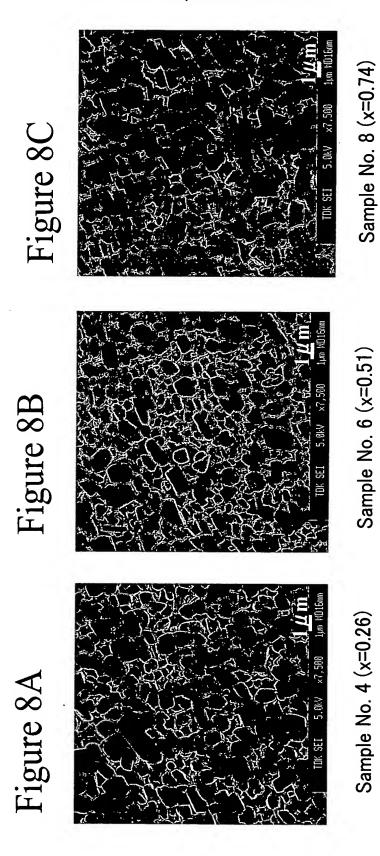


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SAMPLE NO.	×	AMOUNT OF AMOUNT OF Fe ³⁺ (AMOUNT OF OF FeO _{1.5}) OF FeO)	AMOUNT OF Fe ²⁺ (AMOUNT OF FeO)	SrO	Zn0
-	0	16.1	1.89	1	0
4	0.26	16.2	1.47	1	0.51

Figure '

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MAGNETIC ORIENTATION (%)	95.84	95.77	96.77	96.29		
DENSITY (%)	94.7	94.9	94.8	95.3		
SQUARENESS DENSITY (%)	92.79	92.18	90.77	91.45		
Br (G)	4522	4962	5029	5010		
4π Is (G)	4980	5462	5484	5458		
q	2.01 16.1	1.7 13.9	1.8 12.6	1.75 13.35		
В	2.01	1.7	1.8	1.75		
×	0	0.375	0.375	0.375		
ELEMENT M	NONE	NONE				
ELEMENT A		Sr, Ba				
SAMPLE NO. ELEMENT ELEMENT A M	-	6	10	=		

Figure 9

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				<u> </u>		
MAGNETIC ORIENTATION (%)	95.84	95.07	94.68	90.58	95.07	95.60
DENSITY (%)	94.7	94.9	94.5	92.7	94.6	94.4
SQUARENESS (%)	92.79	90.11	90.33	91.03	90.65	90.34
Br (G)	4522	4534	4204	4232	4541	4519
4πls (G)	4980	5023	5032	5040	5048	5009
q	16.1	15.9	15.8	15.9	15.9	15.9
В	2.01	1.98	1.98	1.99	1.98	1.99
×	0	0.125	0.25	0.5	0.125	0.125
ELEMENT M	NONE		တိ		Mn	Ä
SAMPLE NO. ELEMENT M	1	12	13	14	15	16

Figure 10